

# marcOgram

Official Publication of The Montreal Amateur Radio Club Inc.  
Box 53047 - RPO Dorval, Dorval Quebec H9S 5W4



Volume 65, Number 7

April 2019

## NEXT MEETING

**Tuesday 30 April 2019**

Ragchew and Fleamarket: 19:30  
Club meeting: 20:00

St. Ignatius of Loyola Parish Church

4455 West Broadway (corner of Terrebonne) in N.D.G. - Montreal

**\*\* Leo VE2SI \*\***

**RMS, Average and Peak Measurements: When and Why?**

**Is RMS what you want?**

## FROM THE EDITOR'S DESK

Well, spring just wasn't happening fast enough, so I've been away at Sun N Fun 2019, an aviation extravaganza at KLAL, Lakeland-Linder airport in Florida, camping under the wing. Sun and balmy temperature do wonders on a winter-weary Canadian.

Preparations for the 2019 ARRL Field Day, held on 22-23 June, are already underway. Co-ordinators are co-ordinating, volunteers are always welcome. Interested? Contact Harrison VE2HKW.

73 de Nora, VA2NH

- . . . -

## AMATEUR RADIO ON THE INTERNATIONAL SPACE STATION (ARISS)

A message from Glenn MacDonell, VE3XRA.

I would like to let Montreal area clubs and hams know that there will be an international meeting of representatives of the ARISS partners at the CSA Wednesday 26 June - Friday 26 June. I will be one of the two Canadian representatives along with Chet Latawiec VE3CFK and we are working with the CSA and ARISS Executive in planning for the meeting.

While formal voting is limited to the 12 official representatives others interested in ARISS are welcome to attend. We don't know who in the Montreal area has been involved in ARISS or would like to be so we hope to get the word out through contacts to clubs and people we know. We expect about 30 people to attend

*(Continued on page 4)*





## UPCOMING FLEAS/EVENTS

### 2019

**What:** 43rd Annual Durham Hamfest  
**Who:** North Shore ARC & South Pickering ARC  
**When:** Saturday, 27 Apr 2019  
**Where:** Pickering, ON

**What:** NEARfest XXV  
**Who:** New England AR Festival  
**When:** Friday-Saturday, 3-4 May 2019  
**Where:** Fair grounds, Deerfield, NH

**What:** 5th Annual Simcoe County Hamfest  
**Who:** Barrie Amateur Radio Club  
**When:** Saturday, 4 May 2019  
**Where:** Grenfel Community Hall, Barrie, ON

**What:** 35th Annual Smiths Falls Flea Market  
**Who:** Rideau Lakes ARC  
**When:** Saturday, 11 May 2019  
**Where:** Smiths Falls, ON

**What:** Dayton Hamvention  
**Who:** Dayton Amateur Radio Assoc.  
**When:** Fri 17 May to Sun 19 May 2019  
**Where:** Greene County Fairgrounds, Xenia, OH

**What:** 37th Quebec Hamfest 2019  
**Who:** VE2CBS  
**When:** Sunday, 26 May, 2019  
**Where:** Sorel-Tracy QC

**What:** Rochester NY Hamfest  
**Who:** Rochester Amateur Radio Assoc  
**When:** Saturday, 1 June, 2019  
**Where:** Hilton, NY USA

## CW CLASSES

By Leo VE2SI

Some members have expressed an interest in learning what is now called the International Morse Code and adding CW to their operating capabilities.

In addition to our regular monthly meetings, the club undertakes a number of activities so we'd like to gauge the interest in learning the code before adding it to this year's schedule.

If you're interested and even if you've spoken with me before, please send an email to [VE2ARC@marc.ca](mailto:VE2ARC@marc.ca) and indicate your level of interest.

Leo, VE2SI  
[Leo49@Videotron.ca](mailto:Leo49@Videotron.ca)

## *SolderSpot*

Group build Power Supply Project - By Leo VE2SI

The Power Supply will provide a variable output between 1 volt and 20 volts approx., deliver at least 750mA and have digital output meters for the voltage and current. An LM-317 three-terminal voltage regulator is the heart of the power supply.

The SolderSpot kit will include all the parts for the Power Supply and participants will be asked to bring whatever tools, such as a soldering iron, they might have. It should be possible to assemble the kit within six 2-hour sessions.

Each build session will open with a short description of the work to be done and the relevant design considerations. As well as the PS that each participant will build, the project will provide an introduction to electronic circuit construction and a more detailed view of the way that a linear power supply is designed.

If you're interested and even if you've spoken with me before, please send an email to [VE2ARC@marc.ca](mailto:VE2ARC@marc.ca) and indicate your level of interest.

Participation is open to everyone and MARC membership is not a requirement.

Leo, VE2SI  
[Leo49@Videotron.ca](mailto:Leo49@Videotron.ca)

*(Continued from page 1)*

including leaders of the activity in many countries.

Each country will report on activities in the past year and the group as a whole will consider plans for the future including possible amateur radio participation in the next big international project, Gateway, that will be a small station orbiting the moon to support manned and unmanned activities on the moon.

The meeting focusses on using amateur radio from space for education. While Canadian ARISS activities traditionally have focused on facilitating contacts where astronauts answer questions from primary or secondary students ARISS activities in other parts of the world extend to the use of the space station for projects of students at the post secondary level as well. ARISS Europe, working with the European Space Agency, is developing infrastructure on the Space Station using raspberry Pis and software defined radio to conduct experiments designed by students and using the amateur radio equipment on the space station to transmit data back to earth.

The meeting also provides an opportunity to strengthen the contacts between the amateur radio community in Canada and the CSA. Bob Thirsk, a former Canadian astronaut and avid supporter of amateur radio educational activities like ARISS is returning to the Space Agency. If he is in Montreal and available we hope to have him speak at the meeting.

As Secretary of MARC and of RAQI I hope you can help pass the word. Please let others you thing would be interested know about the event and me know who we should contact.

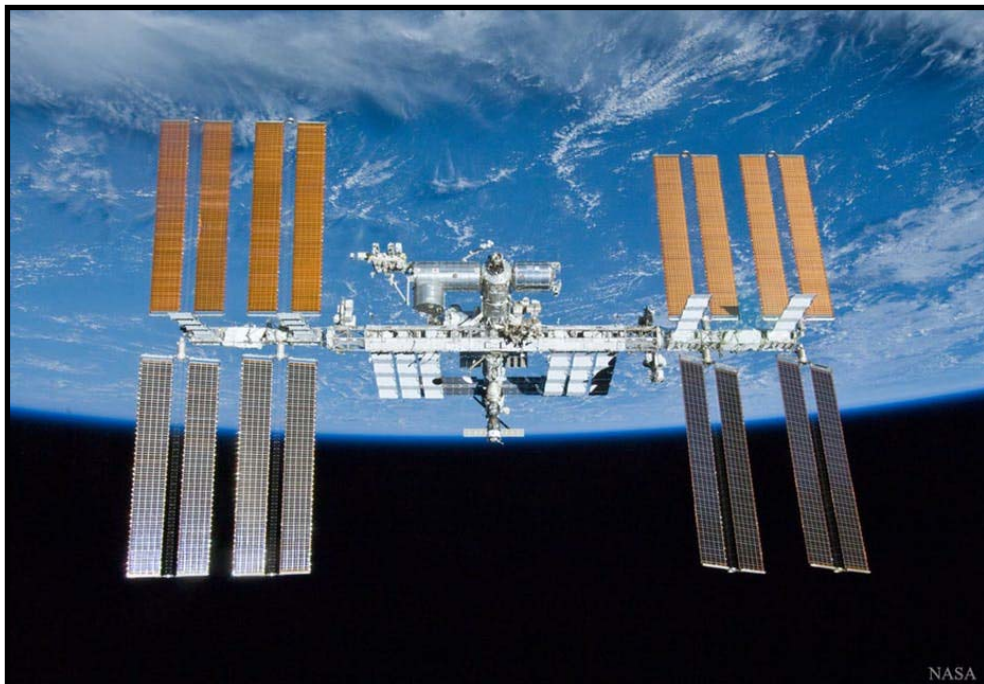
We would also appreciate any suggestions from local people about activities we might suggest for the participants while in Montreal. We'd also be keen to have any local hams as volunteers providing advice or assistance preparing for or and during the meetings.

While not directly related to ARISS, RAC has been working with the Canadian Space Agency on its University Cubesat project. You may have seen some brief descriptions of our work to date in my column in TCA.

I know that June is busy and we will hold the meeting between St Jean Baptist day and Canada day so many people may be starting vacations.

Any suggestions for how to get the word out and leads to people who are sufficiently interested in the area that they might help out would be much appreciated.

Thanks and 73  
Glenn VE3XRA





# MARC Hamfest

By Jim VE2VE

The MARC annual hamfest was held on 06 April 2019 at the Legion in Lasalle, QC. All but one of the vendors who reserved tables showed up, and there was good attendance through the front door. Table revenue was excellent, with the gate receipts and proceeds from the club's sale table. The expenses were affordable for the hall and the books for the grand prize. Bottom line, we have a surplus.

Thanks to Marc-André VE2EVN, George VE2NGH and Eamon VE2EGN for their help during the hamfest, and to some of the early arriving vendors who helped with setup. Thanks also to RadioWorld and RAQI for their help with door prizes.

Congratulations to the winners of the door prizes: Nathalie Ellis VA2ELL, \$25, donated by RAQI; Alex Vegh VE2VEH, \$25 gift card, donated by RadioWorld;

Eric Miller VE2ERZ, \$25 gift card, donated by RadioWorld; John Grow VE2EQL, \$25 gift card donated by RadioWorld; John Grow VE2EQL, \$25, donated by RAQI; John Grow VE2EQL, ARRL Handbook and Antenna Book.

Plans are already afoot for next year's MARC hamfest.

73 de Jim VE2VE

**Production Manager**

**Edward Wielgus**

D.C.S., B.Eng., M.Eng., VE3VMF

Montréal, Quebec, H2K1J2, Canada

Fax.: (514) 360-2956

ed\_die.2@Hotmail.com

Facebook, LinkedIn, Twitter

## NEAR-Fest

New England Amateur Radio Festival

NEAR-Fest XXV May 3 & 4, 2019 Deerfield, N.H.



Door Prizes For NEAR-Fest XXV



Radioditty GD-77

Grand Prize Coming Soon



Courtesy and for more info:

[NEAR-fest.com](http://NEAR-fest.com)



**Club Radio Amateur  
Rivière du Nord  
VE2CVN**

# **HAMFEST** des Laurentides **Samedi 11 mai**

**Ouverture des portes 9:00**

**Exposant 8:00**

**Centre communautaire et culturel  
ST-COLOMBAN**

**Admission 5\$**

**11 minutes de St-Jérôme**

**323 Monté de l'Église, St-Colomban**

**Radio guidage 444.850 FM et C4FM**

## **TABLE GRATUITE**

**Première table gratuite, 5\$ table additionnelle.**

**Réservation : [ve2cvn@gmail.com](mailto:ve2cvn@gmail.com)**